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# CDF Operations Report

Tom Wright

All-Experimenters' Meeting  
November 5, 2007



# Store Summary (October 29 – November 5)

Store	Start Date	Duration (hours)	Initial Lum (E30)	Delivered Lum (pb <sup>-1</sup> )	Live Lum (pb <sup>-1</sup> )	Comments
5661	10/29	17.2	61	1.73	1.10 63%	high losses – new counters L3 calibrations
5668	10/31	11.9	40	0.91	0.81 89%	loss counter tuning beam position moves
5674	11/1	12.6	42	1.09	0.87 80%	more loss counter tuning first Silicon running
5677	11/1	11.8	49	1.18	0.62 53%	silicon bias scans trigger testing
5680	11/2	15.1	101	2.36	2.12 90%	solenoid off for most of store
5681	11/3	17.4	102	3.06	2.66 87%	
5682	11/4	10.9	93	2.12	1.66 78%	calorimeter problems beam loss tuning
Total		96.7		12.4	9.84 79%	

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- Controlled access Nov 5
  - Investigate two  $15^\circ$  wedge muon chambers not holding high voltage
- So far things have come back online pretty well
- HV policies for drift chamber and silicon rely on loss counter rates
  - How to relate new counter rates to old ones? Now settled.
- New trigger table that really uses the L2 calorimeter trigger upgrade
  - L2 stereo tracking trigger still commissioning, mostly done
- All detector subsystems can be powered and read out
  - Some number of single-channels issues, hope to fix this week
- Beamline still not quite aligned with SVX – magnet realignment this week